

DP-303833

EXHAUST MANIFOLD WITH CATALYTIC CONVERTER SHELL TUBE

ABSTRACT OF THE DISCLOSURE

A catalytic converter subassembly having at least one component
5 inserted during the manufacture of a cast exhaust manifold, thereby eliminating
 a costly and undesirable manifold to converter weld.

The method and converter subassembly comprise a converter
shell for housing a catalyst substrate adapted to be securely attached to an
exhaust manifold during manufacture of the manifold to eliminate an
10 undesirable weld between the manifold and converter.

DRAFT PENDING EXAMINER'S REVIEW